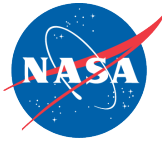


UCD Activities and Progress

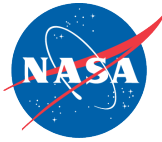
2014–11–18

Mark Rose and Rich Keller
PDS User Centered Design



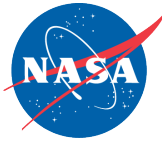
UCD FY15 Focus Areas

- New Development
 - PDS4 data validation
- Maintenance
 - LACE PDS4 label editor
 - PDS3 Volume Validator
 - Table Explorer – PDS4 support
 - PDS4 Tools Library



LACE Status

- Released to production
 - Used by LADEE and OSIRIS-REx
 - Authentication support completed
- Maintenance
 - Tracking schema versions
 - Bug fixes, as needed
 - Support for best practices when exporting



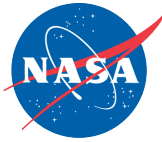
LACE Accounts

- Why are accounts needed?
 - Label persistence across editing sessions
 - (Future) Sharing of labels among users
- Authentication options
 1. External authentication: uses your existing account with commercial provider (Google and Linked-In)
 2. NASA authentication: uses your existing NDC account
 - PDS users without an NDC account can go through a process to get credentials issued



Table Explorer Enhancements

- More PDS3 leniency
 - Better workarounds for flawed labels
 - Support for a few strange PDS3 archives (zipped products, for example)
- Support for PDS4 tables
 - Tested against a random sample of PDS4 labels
 - Includes all PDS4 table types and data types
- Faster operation
 - Table loads in the background – almost immediate view of first table rows



FY15 Data Validation

- Move LACE validation enhancements into sharable library
- Add integrity checks for directories, collections, and bundles
 - Include data validation (TBD)
- Installable GUI interface with scripting capability

Questions?

